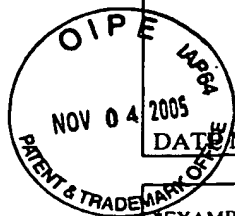


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| FORM PTO-1449 (REV. 7-80) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 030372 | SERIAL NO. 10/791,342 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT Aamod Khandekar et al. | |
| | | FILING DATE March 1, 2004 | GROUP 2631 |
| DATE MAILED: November 2, 2005 | | | |



U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----------------|------|------|-------|--------------|----------------------------------|
| A1 | | | | | | |
| A2 | | | | | | |

U.S. PATENT APPLICATION PUBLICATION DOCUMENTS

| *EXAMINER INITIAL | PUBLICATION NUMBER | PUB. DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|----------------------|--------------------|--------------|------|-------|--------------|----------------------------------|
| B1 | | | | | | |
| B2 | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | Ref No | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS |
|---------------------|-----------|------------------|----------|---------|-----------------------|-------|--------------|
| /K.K./ | C1 | 0 1 6 1 9 5 2 A1 | 08/23/01 | PCT | Ericsson Inc. | H04L | 25/03 |
| /K.K./ | C2 | 0 1 6 9 8 7 3 A2 | 09/20/01 | PCT | Qualcomm Incorporated | H04L | 25/03 |
| /K.K./ | C3 | 1 2 1 7 7 9 8 A2 | 12/18/01 | EP | NTT DoCoMo, Inc. | H04L | 25/03 |
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| | D2 | |
| | D3 | |
| | D4 | |
| | D5 | |
| | D6 | |
| EXAMINER /Kevin Kim/ | | DATE CONSIDERED 03/18/2007 |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |

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| FORM PTO-1449 (REV. 7-80) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 030372 | SERIAL NO. to be Assigned |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT Aamod Khandekar et al | |
| | | FILING DATE March 1, 2004 | GROUP |
| DATE MAILED: March 1, 2004 | | | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|------|------|-------|--------------|----------------------------------|
| | A1 | | | | | | |
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| | A7 | | | | | | |
| | A8 | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | Ref No | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS |
|---------------------|-----------|-----------------|------|---------|------|-------|--------------|
| | B1 | | | | | | |
| | B2 | | | | | | |
| | B3 | | | | | | |
| | B4 | | | | | | |
| | B5 | | | | | | |

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| /K.K./ | C1 | R. Michael Tanner, "A Recursive Approach to Low Complexity Codes," IEEE Transactions on Info Theory, VOL. IT-27, No. 5 (Sept. 1981) |
| /K.K./ | | Rza Nuriyev et al., "Analysis of Joint Iterative Decoding and Phase Estimation for the Non-Coherent AWGN Channel, Using Density Evolution" University of Michigan, Electrical Engineering and Computer Science Department |
| /K.K./ | C2 | H. Jin and T. J. Richardson, "Design of Low-Density Parity-Check Codes for Noncoherent MPSK Communication", Proc. Int. Symp. Information Theory, Lausanne, Switzerland, June 2002, p. 169 |
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